

10/026,990

research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 18:32:07 ON 28 MAY 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 18:32:15 ON 28 MAY 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 MAY 2004 HIGHEST RN 686710-55-4

DICTIONARY FILE UPDATES: 27 MAY 2004 HIGHEST RN 686710-55-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

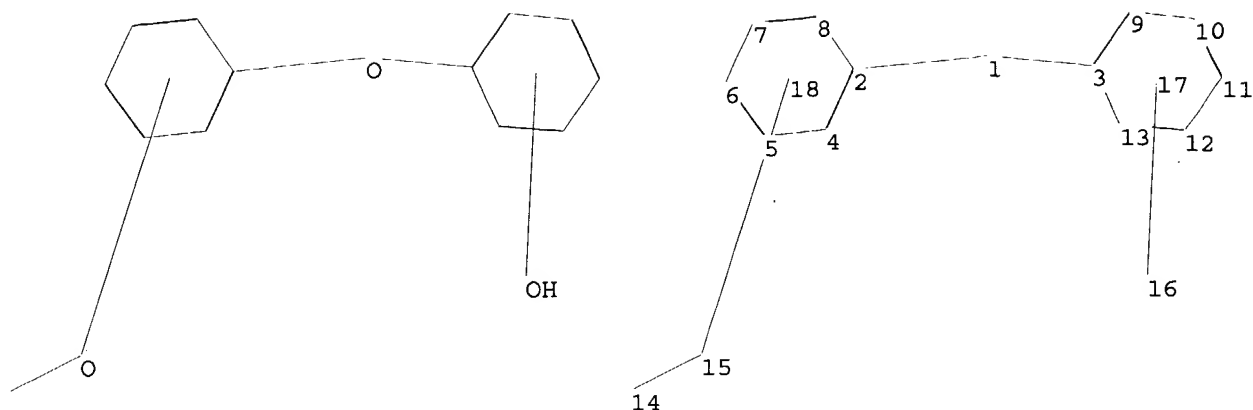
=> screen 1304 OR 1992 OR 2016 OR 2021 OR 2026 OR 1929 OR 2045 OR 2046

L1 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\10026990e.str

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chain nodes :

1 14 15 16

ring nodes :

2 3 4 5 6 7 8 9 10 11 12 13

chain bonds :

1-2 1-3 14-15

ring bonds :

2-4 2-8 3-9 3-13 4-5 5-6 6-7 7-8 9-10 10-11 11-12 12-13

exact/norm bonds :

1-2 1-3 14-15

normalized bonds :

2-4 2-8 3-9 3-13 4-5 5-6 6-7 7-8 9-10 10-11 11-12 12-13

isolated ring systems :

containing 2 : 3 :

Match level :

1:CLASS 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS

L2 STRUCTURE UPLOADED

=> que L2 NOT L1

L3 QUE L2 NOT L1

=> d

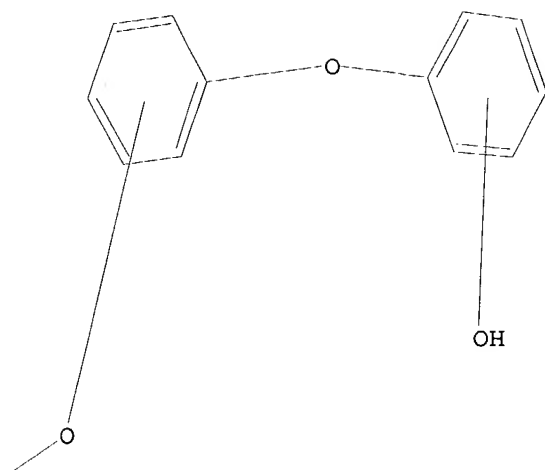
L3 HAS NO ANSWERS

L1 SCR 1304 OR 1992 OR 2016 OR 2021 OR 2026 OR 1929 OR 2045 O

R 2046

L2 STR

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Structure attributes must be viewed using STN Express query preparation.  
L3 QUE L2 NOT L1

=> s l3

SAMPLE SEARCH INITIATED 18:32:37 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 3743 TO ITERATE

26.7% PROCESSED 1000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

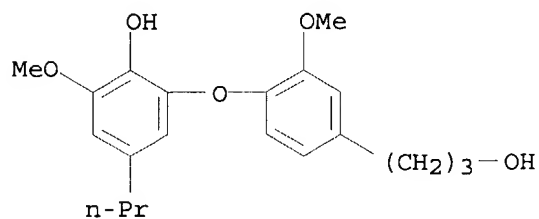
4 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 71192 TO 78528  
PROJECTED ANSWERS: 67 TO 531

L4 4 SEA SSS SAM L2 NOT L1

=> d scan

L4 4 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Benzenepropanol, 4-(2-hydroxy-3-methoxy-5-propylphenoxy)-3-methoxy- (9CI)  
MF C20 H26 O5



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l3 ful

FULL SEARCH INITIATED 18:35:31 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 75463 TO ITERATE

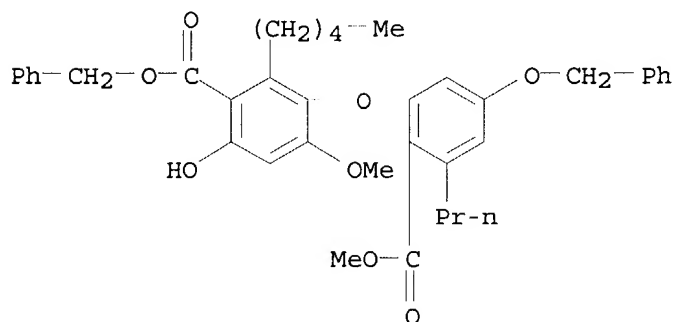
100.0% PROCESSED 75463 ITERATIONS  
SEARCH TIME: 00.00.01

335 ANSWERS

L5 335 SEA SSS FUL L2 NOT L1

=> d scan

L5 335 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Benzoic acid, 6-hydroxy-4-methoxy-3-[2-(methoxycarbonyl)-5-(phenylmethoxy)-  
3-propylphenoxy]-2-pentyl-, phenylmethyl ester (9CI)  
MF C38 H42 O8



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus uspatful

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
157.94	158.15

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 18:36:22 ON 28 MAY 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 18:36:22 ON 28 MAY 2004  
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l5

L6 342 L5

=> dup rem l6

PROCESSING COMPLETED FOR L6

L7 340 DUP REM L6 (2 DUPLICATES REMOVED)

=> d scan

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L7 340 ANSWERS CAPLUS COPYRIGHT 2004 ACS on STN  
CC 43-5 (Cellulose, Lignin, Paper, and Other Wood Products)  
TI Oxidative degradation of lignin by potassium permanganate. Method improvement  
ST grass lignin potassium permanganate degrdn improvement; lignin oxidative degrdn trimethylanilinium hydroxide esterification; reed canary grass lignin degrdn  
IT Polymer degradation  
(oxidative; product anal. of oxidative degradation of lignin by potassium permanganate)  
IT 7722-64-7, Potassium permanganate  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(product anal. of oxidative degradation of lignin by)  
IT 121-98-2P, Methyl (4-methoxy)benzoate 1916-07-0P 2150-38-1P  
3535-24-8P 23676-08-6P 51210-04-9P 51210-05-0P 72365-53-8P  
91598-98-0P 144029-07-2P **194097-27-3P**  
RL: ANT (Analyte); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation)  
(product anal. of oxidative degradation of lignin by potassium permanganate)  
IT 9005-53-2, Lignin, processes  
RL: PEP (Physical, engineering or chemical process); PRP (Properties); PROC (Process)  
(product anal. of oxidative degradation of lignin by potassium permanganate)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d 1-340 ti

L7 ANSWER 1 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI A new series of estrogen receptor modulators: Effect of alkyl substituents on receptor-binding affinity

L7 ANSWER 2 OF 340 USPATFULL on STN  
TI Use of extracts from aristolochia in the treatment of aids

L7 ANSWER 3 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI The reaction of methyl isoferulate with FeCl<sub>3</sub> or Ag<sub>2</sub>O-hypothesis on the biosynthesis of lithospermic acids and related nor and neolignans

L7 ANSWER 4 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Structural Determinants of Selective Thyromimetics

L7 ANSWER 5 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Palladium-catalyzed oxidative Wacker cyclizations in nonpolar organic solvents with molecular oxygen: A stepping stone to asymmetric aerobic cyclizations

L7 ANSWER 6 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI 5-Aryl thiazolidine-2,4-diones: discovery of PPAR dual  $\alpha/\gamma$  agonists as antidiabetic agents

L7 ANSWER 7 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI 5-Aryl-2,4-thiazolidinediones as selective PPAR $\gamma$  agonists

L7 ANSWER 8 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Isolation and structure of ruprechtstyryl from Ruprechtia tangarana

L7 ANSWER 9 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Diterpenoids from Tetraclinis articulata that inhibit various human

leukocyte functions

- L7 ANSWER 10 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Rhuschalcones II-VI, Five New Bichalcones from the Root Bark of *Rhus pyroides*
  
- L7 ANSWER 11 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN
- TI A new prenylated hydroquinone from the roots of *Garcinia atroviridis* Griff ex T. Anders (Guttiferae)
  
- L7 ANSWER 12 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Fungal metabolite screening: database of 474 mycotoxins and fungal metabolites for dereplication by standardized liquid chromatography-UV-mass spectrometry methodology
  
- L7 ANSWER 13 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Comparison of heteroatom-bridged analogues of hydroxy- and aminodiphenylmethanes for antioxidant activities, III
  
- L7 ANSWER 14 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Preparation of substituted 3-phenyl-2-alkoxypropanoic acids and analogs as modulators of peroxisome proliferator activated receptors for treatment of diabetes and related conditions
  
- L7 ANSWER 15 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Non-halogenated phenoxy and/or benzyloxy substituted phenols for antimicrobial compositions
  
- L7 ANSWER 16 OF 340 USPATFULL on STN
- TI Non-halogenated phenoxy and/or benzyloxy substituted phenols, antimicrobial compositions containing the same, and methods of using the same
  
- L7 ANSWER 17 OF 340 USPATFULL on STN
- TI Use of extracts from aristolochia in the treatment of AIDS
  
- L7 ANSWER 18 OF 340 USPATFULL on STN
- TI Arylthiazolidinedione and aryloxazolidinedione derivatives
  
- L7 ANSWER 19 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Utilization of a copper-catalyzed diaryl ether synthesis for the preparation of verbenachalcone
  
- L7 ANSWER 20 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Studies on the synthesis of biphenylneolignans. Part 1: Enantioselective synthesis of (S,S)- and (R,R)-2,2'-dimethoxy-4-(3-hydroxy-1-propenyl)-4'-(1,2,3-trihydroxypropyl)diphenyl ether
  
- L7 ANSWER 21 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Delignification mechanism during high-boiling solvent pulping. Part 2. Homolysis of guaiacylglycerol- $\beta$ -guaiacyl ether
  
- L7 ANSWER 22 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Fungal metabolites, asteric acid derivatives inhibit vascular endothelial growth factor (VEGF)-induced tube formation of HUVECs
  
- L7 ANSWER 23 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Structure-forming phenolic compounds in cereal dietary fibre, demonstrated with soluble and insoluble rye dietary fibre
  
- L7 ANSWER 24 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Evaluation of antifungal and antibacterial activities of aromatic

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metabolites from lichens

- L7 ANSWER 25 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI A macrocyclic ellagitannin trimer, oenotherin T1, from *Oenothera* species
- L7 ANSWER 26 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Protection against UVB irradiation by natural filters extracted from lichens
- L7 ANSWER 27 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI New chlorinated diphenyl ethers from an *Aspergillus* species
- L7 ANSWER 28 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Verbenachalcone, a novel dimeric dihydrochalcone with potentiating activity on nerve growth factor-action from *Verbena littoralis*
- L7 ANSWER 29 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Diferulates as structural components in soluble and insoluble cereal dietary fibre
- L7 ANSWER 30 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI 2-Alkoxyarenol-derived orthoquinols in carbon-oxygen, carbon-nitrogen and carbon-carbon bond-forming reactions
- L7 ANSWER 31 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Antioxidant activities of tocopherols
- L7 ANSWER 32 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Analysis of hydroxyl groups in lignins by <sup>1</sup>H NMR spectrometry
- L7 ANSWER 33 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI 1-[4-(3,5-Dimethoxy-2-methylphenoxy)-2,6-dihydroxy-3-methylphenyl]ethanone
- L7 ANSWER 34 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1  
TI Preparation of benzopyrancarboxylates and quinolinecarboxylates as cyclooxygenase-2 inhibitors.
- L7 ANSWER 35 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Preparation of 5-(halo or alkyl)-5-aryl-2,4-thiazolidinedione and oxazolidinedione derivatives as PPAR agonists
- L7 ANSWER 36 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Identification of 4-O-5'-Coupled Diferulic Acid from Insoluble Cereal Fiber
- L7 ANSWER 37 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Investigating the mode of action of natural phytotoxins
- L7 ANSWER 38 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Hydroxycinnamic acids and their dimers involved in the cessation of cell elongation in *Mentha* suspension culture
- L7 ANSWER 39 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Detection of oxidative species for 4-phenoxyphenol derivatives during the electrospray ionization process
- L7 ANSWER 40 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI A new rigid benzene-bridged macrotricyclic ligand
- L7 ANSWER 41 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Predicting the activity of the natural phytotoxic diphenyl ether cyperin using comparative molecular field analysis

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- L7 ANSWER 42 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI 2-(4-Acetyl-3,5-dihydroxy-2-methylphenoxy)-4,6-dimethoxy-3-methylbenzoic acid
- L7 ANSWER 43 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Inhibitors of farnesylation of Ras from a microbial natural products screening program
- L7 ANSWER 44 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Antimitotic and cell growth inhibitory properties of combretastatin A-4-like ethers
- L7 ANSWER 45 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Preparation of arylthiazolidinediones as agonists of peroxisome proliferator activated receptor.
- L7 ANSWER 46 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Pharmaceutical compounds isolated from *Aristolochia taliscana*
- L7 ANSWER 47 OF 340 USPATFULL on STN  
TI Arylthiazolidinedione derivatives
- L7 ANSWER 48 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Tetranorditerpene lactones, potent antifungal antibiotics for human pathogenic yeasts, from a unique species of *Oidiodendron*
- L7 ANSWER 49 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Nonhalogenated and halogenated phlorotannins from the brown alga *Carpophyllum angustifolium*
- L7 ANSWER 50 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Dehydrogenation polymerization of o-methoxyphenol. Theoretical study
- L7 ANSWER 51 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Electrochemical oxidation of vanillic acid
- L7 ANSWER 52 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Investigations of low molecular weight and high molecular weight lignin fractions
- L7 ANSWER 53 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Phenolics and flavonoids from *Haematoxylon campechianum*
- L7 ANSWER 54 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Antidiabetic agents
- L7 ANSWER 55 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Utilization of Pine Kraft Lignin in Starch Composites: Impact of Structural Heterogeneity
- L7 ANSWER 56 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Identification of HIV-1 integrase inhibitors based on a four-point pharmacophore
- L7 ANSWER 57 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Analysis of contact dermatitis by cytokines. III-Sensitization and crossreaction of phenolic compounds-
- L7 ANSWER 58 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI In vitro metabolism of pyriproxyfen by microsomes from susceptible and resistant housefly larvae



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- L7 ANSWER 59 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI The action mechanism of laccase/1-hydroxybenzotriazole system on pulp residual lignin
- L7 ANSWER 60 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Preparation of guaiacol derivatives as bactericides, fungicides, and inflammation inhibitors
- L7 ANSWER 61 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Eugenol and isoeugenol dimers as bactericides, fungicides, and inflammation inhibitors
- L7 ANSWER 62 OF 340 USPATFULL on STN  
TI Intermediate compound for use in production of dihalopropene compound
- L7 ANSWER 63 OF 340 USPATFULL on STN  
TI Cholesterol ester hydrolase inhibitors
- L7 ANSWER 64 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Epiphorellic acid 3, a new lichen diphenyl ether
- L7 ANSWER 65 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Woorenol, a novel sesquieneolignan with a unique spiro skeleton, from the rhizomes of *Coptis japonica* var. *dissecta*
- L7 ANSWER 66 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Oxidative degradation of lignin by potassium permanganate. Method improvement
- L7 ANSWER 67 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Phlorotannins from the brown algae *Cystophora torulosa* and *Sargassum spinuligerum*
- L7 ANSWER 68 OF 340 USPATFULL on STN  
TI Process for the preparation of alkoxyiminoacetamide derivatives and their use as fungicides
- L7 ANSWER 69 OF 340 USPATFULL on STN  
TI Dihaloprene compound, insecticide/acaricide containing said dihalopropene compound as active ingredient, and intermediate compound for use in production of said dihalopropene compound
- L7 ANSWER 70 OF 340 USPATFULL on STN  
TI Cholesterol ester hydrolase inhibitors
- L7 ANSWER 71 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Galloyl-Derived Orthoquinones as Reactive Partners in Nucleophilic Additions and Diels-Alder Dimerizations: A Novel Route to the Dehydrodigalloyl Linker Unit of Agrimoniin-Type Ellagitannins
- L7 ANSWER 72 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Metabolites of the higher fungi. Part 29. Maldoxin, maldoxone, dihydromaldoxin, isodihydromaldoxin and dechlorodihydromaldoxin. A spirocyclohexadienone, a depsidone and three diphenyl ethers: key in the depsidone biosynthetic pathway from a member of the fungus genus *Xylaria*
- L7 ANSWER 73 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Solid-state oxidation of phenols by tetrabenzopentacene endoperoxide
- L7 ANSWER 74 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI A comparison of lignin polymer models (DHPs) and lignins by 31P NMR

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spectroscopy

- L7 ANSWER 75 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Microbial phytotoxins as potential herbicides
- L7 ANSWER 76 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI New preparations of lignin polymer models under conditions that approximate cell wall lignification. II. Structural characterization of the models by thioacidolysis
- L7 ANSWER 77 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI RES-1214-1 and RES-1214-2 as endothelin antagonists
- L7 ANSWER 78 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Color developer sheets for pressure-sensitive recording
- L7 ANSWER 79 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Aromatic polycarbonates with improved melt flowability
- L7 ANSWER 80 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Preparation of dihalopropene aryl ethers as insecticides and acaricides.
- L7 ANSWER 81 OF 340 USPATFULL on STN  
TI Alkoxyiminoacetamide derivative
- L7 ANSWER 82 OF 340 USPATFULL on STN  
TI Cholesterol ester hydrolase inhibitors
- L7 ANSWER 83 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI New preparation of o-aryloxyphenols via coupling of cyclohexenone oxides with phenols.
- L7 ANSWER 84 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Chemistry of Gallotannin-Derived o-Quinones: Reactivity toward Nucleophiles
- L7 ANSWER 85 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Metabolism of Pyriproxyfen. 2. Comparison of in Vivo Metabolism between Rats and Mice
- L7 ANSWER 86 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI RES-1214-1 and -2, novel non-peptidic endothelin type A receptor antagonists produced by *Pestalotiopsis* sp
- L7 ANSWER 87 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Barceloneic acid A, a new farnesyl-protein transferase inhibitor from a *Phoma* species
- L7 ANSWER 88 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Synthesis and Herbicidal Activity of Cyperin
- L7 ANSWER 89 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI A novel copper-catalyzed oxidation of 4-methoxyphenol. A mechanistic study
- L7 ANSWER 90 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Depsidone chemical transformations in an extract of the lichen *Stereocaulon azureum*
- L7 ANSWER 91 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Metabolism of Pyriproxyfen in Rats. 1. Absorption, Disposition, Excretion, and Biotransformation Studies with [phenoxyphenyl-14C]Pyriproxyfen

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- L7 ANSWER 92 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Isolation and biological activity of thielocins: novel phospholipase A2 inhibitors produced by *Thielavia terricola* RF-143
- L7 ANSWER 93 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Synthesis of some 5-O-4-lignin model compounds by silver (I) oxide oxidation
- L7 ANSWER 94 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Compound extraction from lignin from the bast and woody portion of flax straw
- L7 ANSWER 95 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Skin-lightening cosmetics containing diphenyl ethers
- L7 ANSWER 96 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Preparation of diol monoethers in two-phase system
- L7 ANSWER 97 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Preparation of aromatic chloroformate
- L7 ANSWER 98 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Preparation of bis(hydroxyphenyl)alkanes and ethers
- L7 ANSWER 99 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Aromatic polycarbonates with certain endgroups with good melt flowability and hot hydrolysis resistance
- L7 ANSWER 100 OF 340 USPTAFULL on STN  
TI Alkoxyiminoacetamide derivatives and their use as fungicides
- L7 ANSWER 101 OF 340 USPTAFULL on STN  
TI Alkoxyiminoacetamide derivatives and their use as fungicides
- L7 ANSWER 102 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Mechanism of the Gibbs Reaction. 3. Indophenol Formation via Radical Electrophilic Aromatic Substitution (SREAr) on Phenols
- L7 ANSWER 103 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Identification and synthesis of new ferulic acid dehydrodimers present in grass cell walls.
- L7 ANSWER 104 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI The structure and synthesis of 4-oxypannaric acid 2-methyl ester, a dibenzofuran from the lichen *Leproloma diffusum*
- L7 ANSWER 105 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI A new method for the analysis of phenolic groups in lignins by proton NMR spectrometry
- L7 ANSWER 106 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Qualitative analysis of impurities in technical vitamin E samples
- L7 ANSWER 107 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Preparation of 1,2-diaryloxy-2-propanol derivatives as heat-sensitive recording materials
- L7 ANSWER 108 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Aromatic chloroformate compound for thermal recording color developer
- L7 ANSWER 109 OF 340 USPTAFULL on STN  
TI Alkoxyiminoacetamide derivatives and their use as fungicides

- L7 ANSWER 110 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI New synthetic approaches to 6-thiophenoxysalicylates, 6-phenoxy-salicylates and 1-hydroxy-9-xanthenes
- L7 ANSWER 111 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Russuphelins B, C, D, E and F, new cytotoxic substances from the mushroom *Russula subnigricans* Hongo
- L7 ANSWER 112 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Liquid chromatographic determination of the known low level impurities in lovastatin bulk drug: an application of high-low chromatography
- L7 ANSWER 113 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Identification of lichen substances by a standardized high-performance liquid chromatographic method
- L7 ANSWER 114 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Structure and reactivity of spruce mechanical pulp lignins. Part III. Bleaching and photoyellowing of isolated lignin fractions
- L7 ANSWER 115 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2  
TI Preparation of 4-phenoxyphenyl 4-(carbamoyloxy)piperidine-1-carboxylates and analogs as cholesterol acyltransferase and cholesterol esterase inhibitors
- L7 ANSWER 116 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Endothelin receptor antagonists containing compound TAN-1415 derivatives for treatment of myocardial infarction and renal insufficiency
- L7 ANSWER 117 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Phospholipase A2 inhibitor and its manufacture with *Thielavia* species
- L7 ANSWER 118 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Control of active oxygen in human body
- L7 ANSWER 119 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Fungal metabolites. 28. The chemistry of *Lactarius fuliginosus* and *Lactarius picinus*
- L7 ANSWER 120 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Asteric acid, a new endothelin binding inhibitor
- L7 ANSWER 121 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Vermixocins A and B, two novel metabolites from *Penicillium vermiculatum*
- L7 ANSWER 122 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Metabolism of 3-tert-butyl-4-hydroxyanisole by horseradish peroxidase and hydrogen peroxide
- L7 ANSWER 123 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI A synthesis of the lichen dibenzofuran pannaric acid 2-methyl ester and its isomer 3-O-methylpannaric acid
- L7 ANSWER 124 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Phytotoxic metabolites of *Phoma sorghina*, a new foliar pathogen of pokeweed
- L7 ANSWER 125 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Anti-HIV tannins from *Camellia japonica* and related plant species
- L7 ANSWER 126 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN

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- TI The reactions of hydroxyl radicals with aromatic rings in lignins, studied with creosol and 4-methylveratrol
- L7 ANSWER 127 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Essential oil phenyl propanoids. Useful as hydroxyl radicals scavengers?
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 TI Biphenyls and diaryl ethers among the precursors of lignin
- L7 ANSWER 310 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Reactions of  $\alpha$ -chlorinated ethers in the presence of zinc. I. Reaction of phenols and phenol ethers with  $\alpha$ -chloro ethers in the presence of zinc
- L7 ANSWER 311 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Possible role of kojic acid in the production of aflatoxin by *Aspergillus flavus*
- L7 ANSWER 312 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI The biochemistry of microorganisms. CXV. Metabolites of *Penicillium frequentans*; isolation of sulochrin, asteric acid, (+)-bisdechlorogeodin and two new substituted anthraquinones, questin and questinol
- L7 ANSWER 313 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Enzymic dehydrogenation of lignin model phenols

- L7 ANSWER 314 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Synthesis of higher molecular weight compounds by phenol dehydrogenation. I. Oxidative trimerization of 4-methoxy-2;5-di-tert-butylphenol
- L7 ANSWER 315 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI The biosynthesis of phenols. V. The relations of some phenolic metabolites of mutants of *Aspergillus terreus*
- L7 ANSWER 316 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Dehydrogenation-addition-reactions with aroxyl radicals. I. New syntheses of aryl alkyl ethers, aryl esters, quinol ethers, and p-hydroxybiphenyl esters proceeding by radical mechanisms
- L7 ANSWER 317 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI The chemistry of decay resistance and its decrease with heart-wood aging in incense cedar (*Libocedrus decurrens*)
- L7 ANSWER 318 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Metabolites of *Penicillium frequentans* and their significance for the biosynthesis of sulochrin
- L7 ANSWER 319 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Cleavage reaction of dibenzo-p-dioxin derivatives by metallic sodium in liquid ammonia. V. Influence of substituents and reaction mechanisms
- L7 ANSWER 320 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Studies on the cleavage reaction of dibenzo-p-dioxin derivatives by metallic sodium in liquid ammonia. IV. Cleavage of dibenzo-p-dioxin, 2,7-dimethyldibenzo-p-dioxin, and 2,7-dimethoxy-dibenzo-p-dioxin
- L7 ANSWER 321 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Biosynthesis of geodin and asteric acid
- L7 ANSWER 322 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Chemistry of decay of heartwood on aging in incense cedar
- L7 ANSWER 323 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Structures of osoic acids and related compounds; metabolites of *Oospora sulphurea-ochracea*
- L7 ANSWER 324 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI D(--)- and L(+)- $\beta$ -Hydroxybutyric acids
- L7 ANSWER 325 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI The chemistry of wood rot
- L7 ANSWER 326 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Methanolysis of wood and its technical utilization
- L7 ANSWER 327 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Cleavage reaction of dibenzo-p-dioxin by metallic sodium in liquid ammonia. III. Cleavage of 1,6-dimethoxy-3,8-dimethyldibenzo-p-dioxin
- L7 ANSWER 328 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Biosynthesis of phenols. II. Asteric acid, a metabolic product of *Aspergillus terreus*
- L7 ANSWER 329 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Sulochrin to asteric acid: a possible mode of phenol biogenesis
- L7 ANSWER 330 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Styrene-p-carboxylic acid



10/026,990

- L7 ANSWER 331 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Cleavage reaction of dibenzo-p-dioxin derivatives by metallic sodium in liquid ammonia. II. Cleavage of 1,6-dimethoxydibenzo-p-dioxin
- L7 ANSWER 332 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Alkyl ethers of chloronitro- and bromonitropyrocatechol and hydroquinone. The preparation of the mono- and polyalkyl ethers of 5-nitrohydroxyhydroquinone
- L7 ANSWER 333 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Synthesis of dehydrodigallic acid
- L7 ANSWER 334 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Nature of some decay-retardant extractive components in incense cedar heartwood (*Libocedrus decurrens*)
- L7 ANSWER 335 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Extractive components from incense cedar heartwood [*Heyderia decurrens* (*Libocedrus decurrens*)]. VII. On the occurrence of heyderiol
- L7 ANSWER 336 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Cleavage reaction of dibenzo-p-dioxin derivatives by metallic sodium in liquid ammonia. I. Cleavage of 1-methoxydibenzo-p-dioxin
- L7 ANSWER 337 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Monocarbamates of 1,2-dihydroxy-3-aryloxypropanes
- L7 ANSWER 338 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Extractive components from incense cedar heartwood (*Libocedrus decurrens*). V. Synthesis of libocedrol
- L7 ANSWER 339 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Extractive components from incense-cedar heartwood (*Libocedrus decurrens* Torrey). III. Occurrence of libocedrol, a new phenol ether, and its p-methoxythymol addition complex
- L7 ANSWER 340 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Cleavage of diphenyl ethers by sodium in liquid ammonia. III. 4,4'-Disubstituted diphenyl ethers

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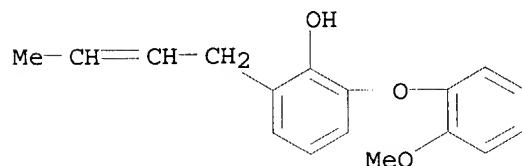
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15,16,19,20,24,39,41,44,49,54,60,61,83,95,98,107,122,126,136,144,164,181,188,189,193,204,213,230,231,233,245,250,251,260,267,278,281,285,286,291,292,294,297,300,301,303,305,308,309,314,316,340 bib fhitr

L7 ANSWER 15 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:487509 CAPLUS  
DN 137:51982  
TI Non-halogenated phenoxy and/or benzyloxy substituted phenols for antimicrobial compositions  
IN Harper, David Scott; Coburn, Robert Allan; Georgiades, Constantine; Soshinsky, Andre; Huntley, Marianne Dudick  
PA Warner-Lambert Company, USA  
SO PCT Int. Appl., 52 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1  
PATENT NO. KIND DATE APPLICATION NO. DATE

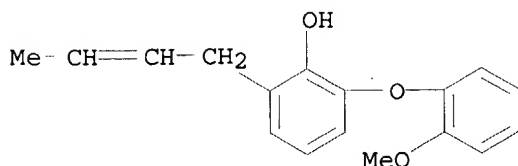
10/026,990

PI WO 2002050008 A2 20020627 WO 2001-IB2254 20011129  
WO 2002050008 A3 20031002  
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA,  
UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,  
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,  
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
AU 2002023958 A5 20020701 AU 2002-23958 20011129  
US 2002128323 A1 20020912 US 2001-26990 20011220  
PRAI US 2000-256789P P 20001220  
WO 2001-IB2254 W 20011129  
OS MARPAT 137:51982  
IT **438543-75-0**  
RL: COS (Cosmetic use); PAC (Pharmacological activity); THU (Therapeutic  
use); BIOL (Biological study); USES (Uses)  
(antimicrobial compns. containing non-halogenated phenoxy and/or benzyloxy  
substituted phenols)  
RN 438543-75-0 CAPLUS  
CN Phenol, 2-(2-butenyl)-6-(2-methoxyphenoxy)- (9CI) (CA INDEX NAME)

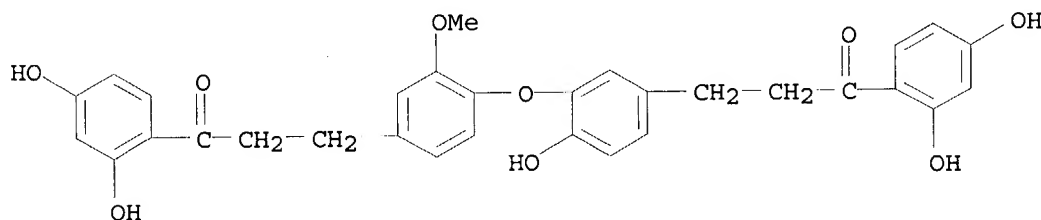


L7 ANSWER 16 OF 340 USPATFULL on STN  
AN 2002:236125 USPATFULL  
TI Non-halogenated phenoxy and/or benzyloxy substituted phenols,  
antimicrobial compositions containing the same, and methods of using the  
same  
IN Harper, David Scott, Glen Rock, NJ, UNITED STATES  
Coburn, Robert A., Williamsville, NY, UNITED STATES  
Georgiades, Constantine, East Brunswick, NJ, UNITED STATES  
Soshinsky, Andre, Randolph, NJ, UNITED STATES  
Huntley, Marianne D., Morristown, NJ, UNITED STATES  
PI US 2002128323 A1 20020912  
AI US 2001-26990 A1 20011220 (10)  
PRAI US 2000-256789P 20001220 (60)  
DT Utility  
FS APPLICATION  
LREP Darryl C. Little, Attorney for Applicant, Warner Lambert Company, 201  
Tabor Road, Morris Plains, NJ, 07950  
CLMN Number of Claims: 49  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1616  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
IT **438543-75-0**  
(antimicrobial compns. containing non-halogenated phenoxy and/or benzyloxy  
substituted phenols)  
RN 438543-75-0 USPATFULL  
CN Phenol, 2-(2-butenyl)-6-(2-methoxyphenoxy)- (9CI) (CA INDEX NAME)

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L7 ANSWER 19 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:710232 CAPLUS  
DN 138:39111  
TI Utilization of a copper-catalyzed diaryl ether synthesis for the preparation of verbenachalcone  
AU Xing, Xuechao; Padmanaban, Deepa; Yeh, Li-An; Cuny, Gregory D.  
CS Laboratory for Drug Discovery in Neurodegeneration, Harvard Center for Neurodegeneration and Repair, Cambridge, MA, 02139, USA  
SO Tetrahedron (2002), 58(39), 7903-7910  
CODEN: TETRAB; ISSN: 0040-4020  
PB Elsevier Science Ltd.  
DT Journal  
LA English  
OS CASREACT 138:39111  
IT 351340-16-4P  
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)  
(utilization of a copper-catalyzed diaryl ether synthesis for the preparation of verbenachalcone)  
RN 351340-16-4 CAPLUS  
CN 1-Propanone, 1-(2,4-dihydroxyphenyl)-3-[4-[5-[3-(2,4-dihydroxyphenyl)-3-oxopropyl]-2-hydroxyphenoxy]-3-methoxyphenyl]- (9CI) (CA INDEX NAME)



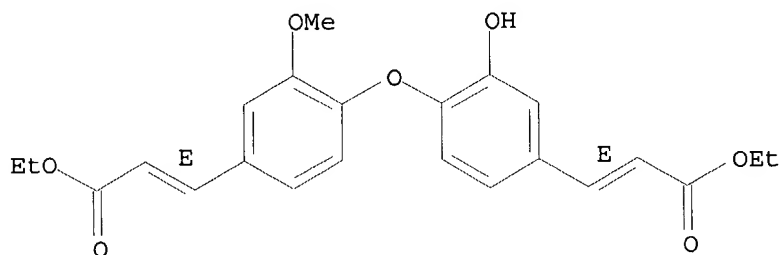
RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 20 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:952850 CAPLUS  
DN 138:337868  
TI Studies on the synthesis of biphenylneolignans. Part 1: Enantioselective synthesis of (S,S)- and (R,R)-2,2'-dimethoxy-4-(3-hydroxy-1-propenyl)-4'-(1,2,3-trihydroxypropyl)diphenyl ether  
AU Yang, Yi; Zhang, Chenglu; Yue, Guoren; Bie, Pingyan; Pan, Xinfu  
CS National Laboratory of Applied Organic Chemistry, Department of Chemistry, Lanzhou University, Lanzhou, 730000, Peop. Rep. China  
SO Tetrahedron: Asymmetry (2002), 13(24), 2689-2692  
CODEN: TASYE3; ISSN: 0957-4166  
PB Elsevier Science Ltd.  
DT Journal

10/026,990

LA English  
OS CASREACT 138:337868  
IT **515813-57-7P**  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(asym. synthesis of (R,R) and (S,S)-isomers of  
dimethoxy(hydroxypropenyl)(trihydroxypropyl)diphenyl ether)  
RN 515813-57-7 CAPLUS  
CN 2-Propenoic acid, 3-[4-[4-[(1E)-3-ethoxy-3-oxo-1-propenyl]-2-  
hydroxyphenoxy]-3-methoxyphenyl]-, ethyl ester, (2E)- (9CI) (CA INDEX  
NAME)

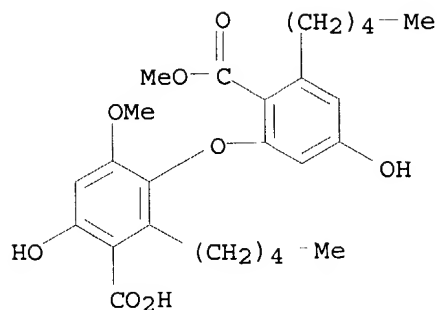
Double bond geometry as shown.



RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

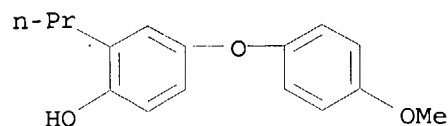
L7 ANSWER 24 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:725876 CAPLUS  
DN 137:366235  
TI Evaluation of antifungal and antibacterial activities of aromatic  
metabolites from lichens  
AU Piovano, M.; Garbarino, J. A.; Giannini, F. A.; Correche, E. R.; Feresin,  
G.; Tapia, A.; Zacchino, S.; Enriz, R. D.  
CS Departamento de Quimica, Universidad Tecnica Federico Santa Maria,  
Valparaiso, 110-V, Chile  
SO Boletin de la Sociedad Chilena de Quimica (2002), 47(3), 235-240  
CODEN: BOCQAX; ISSN: 0366-1644  
PB Sociedad Chilena de Quimica  
DT Journal  
LA English  
IT **101910-69-4**, Epiforellic 1 acid  
RL: PAC (Pharmacological activity); BIOL (Biological study)  
(evaluation of antifungal and antibacterial activities of aromatic  
metabolites from lichens)  
RN 101910-69-4 CAPLUS  
CN Benzoic acid, 6-hydroxy-3-[5-hydroxy-2-(methoxycarbonyl)-3-pentylphenoxy]-  
4-methoxy-2-pentyl- (9CI) (CA INDEX NAME)

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RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 39 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2000:309813 CAPLUS  
DN 133:37471  
TI Detection of oxidative species for 4-phenoxyphenol derivatives during the  
electrospray ionization process  
AU Wu, Yunhui; Wang, Hong  
CS Department of Pharmaceutical Research and Development, Merck Research  
Laboratories, West Point, PA, 19486, USA  
SO Rapid Communications in Mass Spectrometry (2000), 14(9), 756-764  
CODEN: RCMSEF; ISSN: 0951-4198  
PB John Wiley & Sons Ltd.  
DT Journal  
LA English  
IT 228579-13-3  
RL: ANT (Analyte); PEP (Physical, engineering or chemical process); RCT  
(Reactant); ANST (Analytical study); PROC (Process); RACT (Reactant or  
reagent)  
(detection of oxidative species for 4-phenoxyphenol derivs. during  
electrospray ionization process)  
RN 228579-13-3 CAPLUS  
CN Phenol, 4-(4-methoxyphenoxy)-2-propyl- (9CI) (CA INDEX NAME)

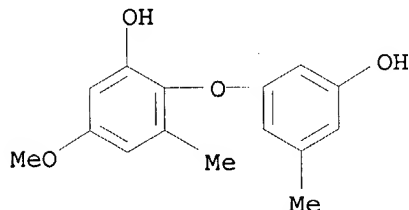


RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 41 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2000:543732 CAPLUS  
DN 133:204131  
TI Predicting the activity of the natural phytotoxic diphenyl ether cyperin  
using comparative molecular field analysis  
AU Dayan, Franck E.; Allen, Stacy N.  
CS Natural Products Utilization Research Unit, USDA-ARS, University, MS,  
38677, USA  
SO Pest Management Science (2000), 56(8), 717-722  
CODEN: PMSFCF; ISSN: 1526-498X  
PB John Wiley & Sons Ltd.  
DT Journal  
LA English

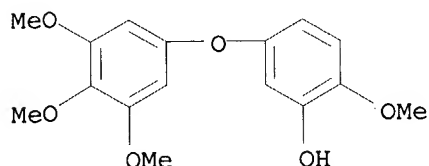
10/026,990

IT 33716-82-4D, Cyperin, analogs  
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study);  
USES (Uses)  
(protoporphyrinogen oxidase inhibition by, as related to comparative mol. field anal. of phytotoxic di-Ph ethers)  
RN 33716-82-4 CAPLUS  
CN Phenol, 2-(3-hydroxy-5-methylphenoxy)-5-methoxy-3-methyl- (9CI) (CA INDEX NAME)



RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 44 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2000:872659 CAPLUS  
DN 134:207575  
TI Antimitotic and cell growth inhibitory properties of combretastatin A-4-like ethers  
AU Lawrence, N. J.; Rennison, D.; Woo, M.; McGown, A. T.; Hadfield, J. A.  
CS Department of Chemistry, UMIST, Manchester, M60 1QD, UK  
SO Bioorganic & Medicinal Chemistry Letters (2000), Volume Date 2001, 11(1), 51-54  
CODEN: BMCLE8; ISSN: 0960-894X  
PB Elsevier Science Ltd.  
DT Journal  
LA English  
OS CASREACT 134:207575  
IT 329008-80-2  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(synthesis and antimitotic and cell growth inhibitory properties of combretastatin A-4-like ethers)  
RN 329008-80-2 CAPLUS  
CN Phenol, 2-methoxy-5-(3,4,5-trimethoxyphenoxy)- (9CI) (CA INDEX NAME)

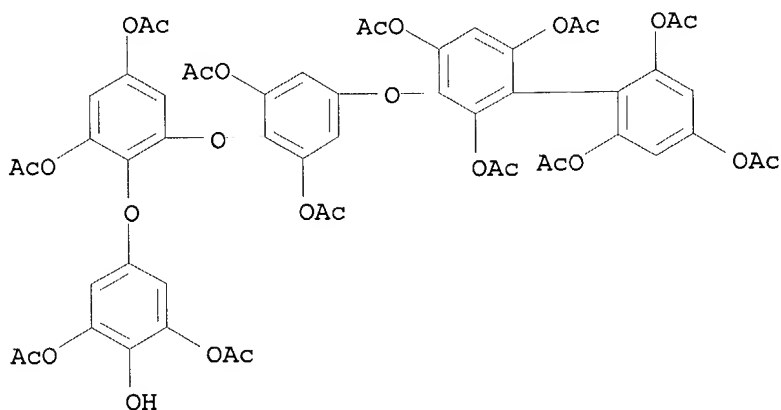


RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 49 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1999:550765 CAPLUS  
DN 131:319958  
TI Nonhalogenated and halogenated phlorotannins from the brown alga *Carpophyllum angustifolium*

10/026,990

AU Glombitza, Karl-Werner; Schmidt, Alexandra  
CS Institut fuer Pharmazeutische Biologie, Universitaet Bonn, Bonn, 53115, Germany  
SO Journal of Natural Products (1999), 62(9), 1238-1240  
CODEN: JNPRDF; ISSN: 0163-3864  
PB American Chemical Society  
DT Journal  
LA English  
IT **96738-76-0**, Fucotriphlorethol B dodecaacetate  
RL: BOC (Biological occurrence); BSU (Biological study, unclassified);  
BIOL (Biological study); OCCU (Occurrence)  
(nonhalogenated and halogenated phlorotannins from the brown alga  
Carpophyllum angustifolium)  
RN 96738-76-0 CAPLUS  
CN [1,1'-Biphenyl]-2,2',4,4',6,6'-hexol, 3-[3,5-bis(acetyloxy)-4-[3,5-bis(acetyloxy)-2-[3,5-bis(acetyloxy)-4-hydroxyphenoxy]phenoxy]phenoxy]-, hexaacetate (9CI) (CA INDEX NAME)



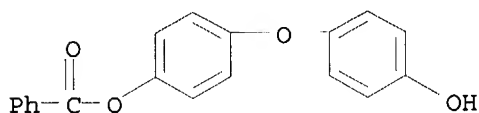
RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 54 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:479409 CAPLUS  
DN 129:100023  
TI Antidiabetic agents  
IN Adams, Alan D.; Von Langen, Derek; Tolman, Richard L.; Koyama, Hiroo  
PA Merck & Co., Inc., USA  
SO PCT Int. Appl., 110 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9827974	A1	19980702	WO 1997-US23646	19971219
	W:	AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GW, HU, ID, IL, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9856152	A1	19980717	AU 1998-56152	19971219
	AU 719663	B2	20000511		
	EP 948327	A1	19991013	EP 1997-952573	19971219

10/026,990

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI  
US 6090839 A 20000718 US 1997-994123 19971219  
JP 2001511767 T2 20010814 JP 1998-529016 19971219  
US 6160000 A 20001212 US 1999-331512 19990622  
US 6515015 B1 20030204 US 2000-695009 20001024  
PRAI US 1996-34432P P 19961223  
GB 1997-5857 A 19970321  
US 1997-60113P P 19970926  
WO 1997-US23646 W 19971219  
US 1999-331512 A3 19990622  
OS MARPAT 129:100023  
IT 209809-30-3P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation and biol. activity of aryl- and heteroaryloxyacetate  
antidiabetic agents)  
RN 209809-30-3 CAPLUS  
CN Phenol, 4-(4-hydroxyphenoxy)-, 1-benzoate (9CI) (CA INDEX NAME)



RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 60 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:580684 CAPLUS  
DN 127:176260  
TI Preparation of guaiacol derivatives as bactericides, fungicides, and  
inflammation inhibitors  
IN Kobayashi, Akio; Hiraki, Masahiro; Baba, Takeshi; Kajiyama, Shinichiro;  
Kanzaki, Masahiro; Kawazu, Kazuyoshi  
PA Kibun Food Chemifa Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 6 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09176075	A2	19970708	JP 1995-342924	19951228
PRAI	JP 1995-342924		19951228		

IT 82381-68-8P

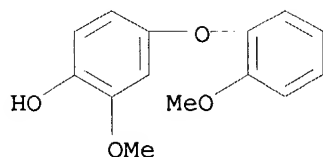
RL: BAC (Biological activity or effector, except adverse); BPN  
(Biosynthetic preparation); BSU (Biological study, unclassified); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)  
(preparation of guaiacol derivs. as bactericides, fungicides, and  
inflammation inhibitors)

RN 82381-68-8 CAPLUS

CN Phenol, 2-methoxy-4-(2-methoxyphenoxy)- (9CI) (CA INDEX NAME)



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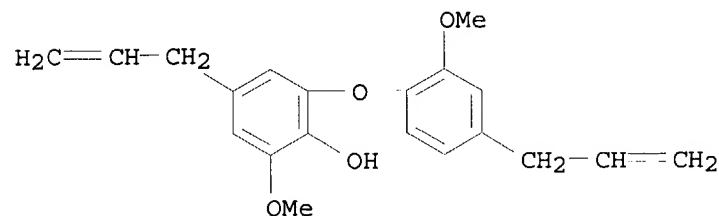
L7 ANSWER 61 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:580683 CAPLUS  
DN 127:176259  
TI Eugenol and isoeugenol dimers as bactericides, fungicides, and  
inflammation inhibitors  
IN Kobayashi, Akio; Baba, Takeshi; Kajiyama, Shinichiro; Kanzaki, Masahiro;  
Kawazu, Kazuyoshi  
PA Kibun Food Chemifa Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 8 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09176074	A2	19970708	JP 1995-342914	19951228
PRAI	JP 1995-342914		19951228		
IT	75225-33-1P				

RL: BAC (Biological activity or effector, except adverse); BPN  
(Biosynthetic preparation); BSU (Biological study, unclassified); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)  
(eugenol and isoeugenol dimers as bactericides, fungicides, and  
inflammation inhibitors)

RN 75225-33-1 CAPLUS

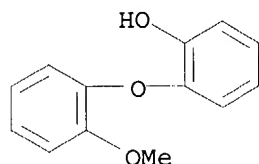
CN Phenol, 2-methoxy-6-[2-methoxy-4-(2-propenyl)phenoxy]-4-(2-propenyl)-  
(9CI) (CA INDEX NAME)



L7 ANSWER 83 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1995:877984 CAPLUS  
DN 124:86485  
TI New preparation of o-aryloxyphenols via coupling of cyclohexenone oxides  
with phenols.  
AU Jung, Michael E.; Starkey, Laurie S.  
CS Dep. Chemistry and Biochemistry, Univ. California, Los Angeles, CA, 90024,  
USA  
SO Tetrahedron Letters (1995), 36(41), 7363-6  
CODEN: TELEAY; ISSN: 0040-4039  
PB Elsevier  
DT Journal

10/026,990

LA English  
OS CASREACT 124:86485  
IT **21905-60-2P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of o-aryloxyphenols via coupling of cyclohexenone oxides with  
phenols followed by oxidation)  
RN 21905-60-2 CAPLUS  
CN Phenol, 2-(2-methoxyphenoxy)- (9CI) (CA INDEX NAME)



L7 ANSWER 95 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1995:360766 CAPLUS  
DN 122:169695  
TI Skin-lightening cosmetics containing diphenyl ethers  
IN Yada, Yukihiro; Kimura, Mitsutoshi; Morizaki, Naoko; Imokawa, Genji  
PA Kao Corp, Japan  
SO Jpn. Kokai Tokkyo Koho, 7 pp.  
CODEN: JKXXAF

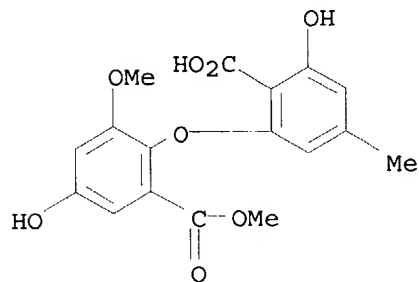
DT Patent  
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06321765	A2	19941122	JP 1993-116003	19930518
PRAI	JP 1993-116003		19930518		
OS	MARPAT 122:169695				
IT	<b>577-64-0</b>				

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
(skin-lightening cosmetics containing di-Ph ethers)

RN 577-64-0 CAPLUS  
CN Benzoic acid, 2-(2-carboxy-3-hydroxy-5-methylphenoxy)-5-hydroxy-3-methoxy-, 1-methyl ester (9CI) (CA INDEX NAME)



L7 ANSWER 98 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1994:655391 CAPLUS  
DN 121:255391  
TI Preparation of bis(hydroxyphenyl)alkanes and ethers

10/026,990

IN Hirao, Genichi; Totani, Yoshuki; Ito, Tomomichi; Nakatsuka, Masakatsu;  
Yamaguchi, Teruhiro  
PA Mitsui Toatsu Chemicals, Japan  
SO Jpn. Kokai Tokkyo Koho, 12 pp.  
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06135876	A2	19940517	JP 1992-286096	19921023
PRAI	JP 1992-286096		19921023		

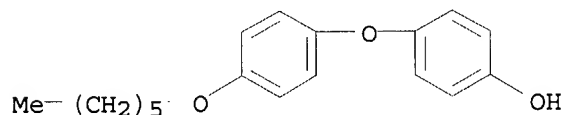
OS MARPAT 121:255391

IT **158524-83-5P**

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of, as electron-accepting compound for thermal recording material)

RN 158524-83-5 CAPLUS

CN Phenol, 4-[4-(hexyloxy)phenoxy]- (9CI) (CA INDEX NAME)



L7 ANSWER 107 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1993:482940 CAPLUS

DN 119:82940

TI Preparation of 1,2-diaryloxy-2-propanol derivatives as heat-sensitive recording materials

IN Sato, Takehiro; Kaeriyama, Minoru; Yoshinaka, Shinzhi; Hidaka, Tomoya;  
Katayama, Eizhi; Kinoshita, Kimiaki; Uchikawa, Masaaki

PA Nippon Soda Co., Ltd., Japan

SO PCT Int. Appl., 39 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9306074	A1	19930401	WO 1992-JP1206	19920922
	W: US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
	JP 05194368	A2	19930803	JP 1992-269791	19920911
	JP 3376610	B2	20030210		
	EP 563392	A1	19931006	EP 1992-920054	19920922

R: CH, DE, FR, GB, IT, LI

PRAI JP 1991-270549 A 19910924

JP 1991-281926 A 19911003

JP 1992-269791 A 19920911

WO 1992-JP1206 W 19920922

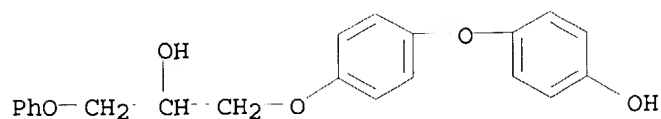
IT **148675-37-0P**

RL: PREP (Preparation)  
(preparation of, as thermal recording material)

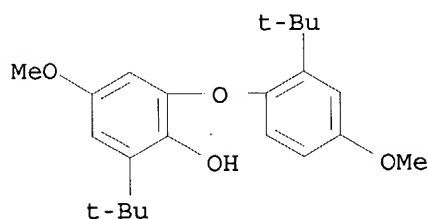
RN 148675-37-0 CAPLUS

CN Phenol, 4-[4-(2-hydroxy-3-phenoxypropoxy)phenoxy]- (9CI) (CA INDEX NAME)

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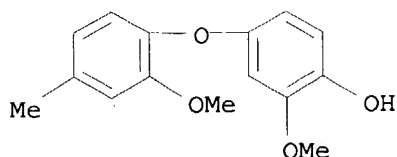


L7 ANSWER 122 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1993:32483 CAPLUS  
DN 118:32483  
TI Metabolism of 3-tert-butyl-4-hydroxyanisole by horseradish peroxidase and hydrogen peroxide  
AU Tajima, Kazuo; Hashizaki, Mari; Yamamoto, Kenji; Mizutani, Tamio  
CS Sch. Pharm., Hokuriku Univ., Japan  
SO Drug Metabolism and Disposition (1992), 20(6), 816-20  
CODEN: DMDSAI; ISSN: 0090-9556  
DT Journal  
LA English  
IT **20236-47-9**  
RL: FORM (Formation, nonpreparative)  
(formation of, as butylhydroxyanisole metabolite)  
RN 20236-47-9 CAPLUS  
CN Phenol, 2-(1,1-dimethylethyl)-6-[2-(1,1-dimethylethyl)-4-methoxyphenoxy]-4-methoxy- (9CI) (CA INDEX NAME)

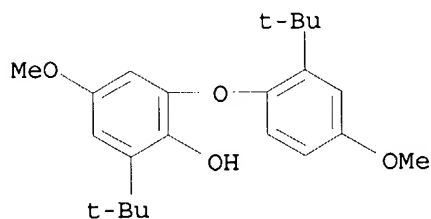


L7 ANSWER 126 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1993:83089 CAPLUS  
DN 118:83089  
TI The reactions of hydroxyl radicals with aromatic rings in lignins, studied with creosol and 4-methylveratrol  
AU Gierer, Josef; Yang, Erquan; Reitberger, Torbjorn  
CS Dep. Wood Chem., R. Inst. Technol., Stockholm, S-100 44, Swed.  
SO Holzforschung (1992), 46(6), 495-504  
CODEN: HOLZAZ; ISSN: 0018-3830  
DT Journal  
LA English  
IT **145804-72-4**  
RL: USES (Uses)  
(lignin model compound, reactions of hydroxyl radicals with aromatic rings in)  
RN 145804-72-4 CAPLUS  
CN Phenol, 2-methoxy-4-(2-methoxy-4-methylphenoxy)- (9CI) (CA INDEX NAME)

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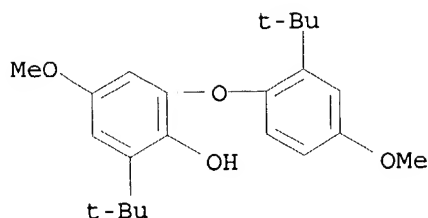


L7 ANSWER 136 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1991:407158 CAPLUS  
DN 115:7158  
TI Thermal decomposition of some phenolic antioxidants  
AU Hamama, Anwar A.; Nawar, Wassef W.  
CS Dep. Food Sci., Univ. Massachusetts, Amherst, MA, 01003, USA  
SO Journal of Agricultural and Food Chemistry (1991), 39(6), 1063-9  
CODEN: JAFCAU; ISSN: 0021-8561  
DT Journal  
LA English  
IT 20236-47-9  
RL: FORM (Formation, nonpreparative)  
(formation of, in BHA thermal decomposition)  
RN 20236-47-9 CAPLUS  
CN Phenol, 2-(1,1-dimethylethyl)-6-[2-(1,1-dimethylethyl)-4-methoxyphenoxy]-4-methoxy- (9CI) (CA INDEX NAME)

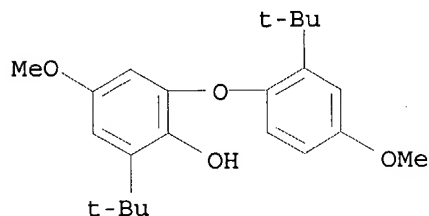


L7 ANSWER 144 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1990:550983 CAPLUS  
DN 113:150983  
TI Oxidative dimerization of tert-butylated hydroxyanisole (BHA) during autoxidation of methyl linoleate and the effect of phospholipids and tri-n-octylamine on the dimerization  
AU Fujitani, Tsuyoshi  
CS Fac. Educ., Hiroshima Univ., Higashi-Hiroshima, 724, Japan  
SO Yukagaku (1990), 39(6), 380-4  
CODEN: YKGKAM; ISSN: 0513-398X  
DT Journal  
LA English  
OS CASREACT 113:150983  
IT 20236-47-9  
RL: FORM (Formation, nonpreparative)  
(formation of, from butylated hydroxyanisole in autoxidizing lipid systems)  
RN 20236-47-9 CAPLUS  
CN Phenol, 2-(1,1-dimethylethyl)-6-[2-(1,1-dimethylethyl)-4-methoxyphenoxy]-4-methoxy- (9CI) (CA INDEX NAME)

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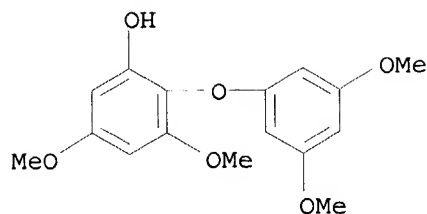


L7 ANSWER 164 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1988:588933 CAPLUS  
DN 109:188933  
TI Fate of 14C-butylated hydroxyanisole in oil  
AU Kunugi, Akira  
CS Tokyo Coll. Pharm., Hachioji, 192-03, Japan  
SO Shokuhin Eiseigaku Zasshi (1988), 29(2), 130-5  
CODEN: SKEZAP; ISSN: 0015-6426  
DT Journal  
LA Japanese  
IT 20236-47-9  
RL: BIOL (Biological study)  
(BHA derivative, in Me oleate oil system model, UV and oxidation effect on)  
RN 20236-47-9 CAPLUS  
CN Phenol, 2-(1,1-dimethylethyl)-6-[2-(1,1-dimethylethyl)-4-methoxyphenoxy]-4-methoxy- (9CI) (CA INDEX NAME)

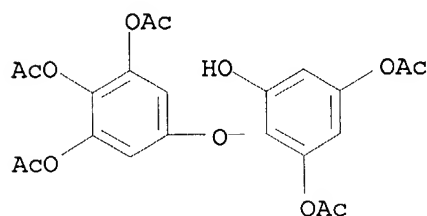


L7 ANSWER 181 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1985:434887 CAPLUS  
DN 103:34887  
TI Antibiotics from algae. XXXIV. Cleavage of the high-molecular-weight methylated phlorotannin fraction from the brown alga *Pelvetia canaliculata*  
AU Glombitza, K. W.; Klapperich, K.  
CS Inst. Pharm. Biol., Univ. Bonn, Bonn, 5300, Fed. Rep. Ger.  
SO Botanica Marina (1985), 28(4), 139-44  
CODEN: BOTNA7; ISSN: 0006-8055  
DT Journal  
LA English  
IT 97165-37-2  
RL: BIOL (Biological study)  
(of permethylated *Pelvetia canaliculata* phlorotannins)  
RN 97165-37-2 CAPLUS  
CN Phenol, 2-(3,5-dimethoxyphenoxy)-3,5-dimethoxy- (9CI) (CA INDEX NAME)

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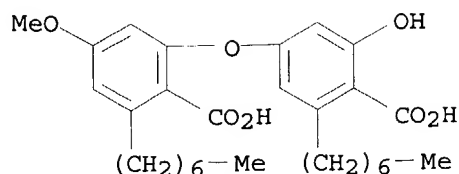


L7 ANSWER 188 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1985:59319 CAPLUS  
DN 102:59319  
TI Antibiotics from algae. Part 30. Isofuhalols, a type of phlorotannin from the brown alga Chorda filum  
AU Grosse-Damhues, Josef; Glombitza, Karl Werner  
CS Inst. Pharm. Biol., Univ. Bonn, Bonn, 5300, Fed. Rep. Ger.  
SO Phytochemistry (Elsevier) (1984), 23(11), 2639-42  
CODEN: PYTCAS; ISSN: 0031-9422  
DT Journal  
LA English  
IT **94513-62-9P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 94513-62-9 CAPLUS  
CN 1,2,3-Benzenetriol, 5-[2,4-bis(acetyloxy)-6-hydroxyphenoxy]-,  
1,2,3-triacetate (9CI) (CA INDEX NAME)

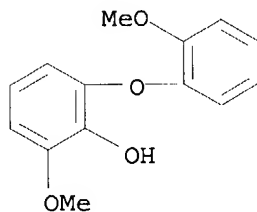


L7 ANSWER 189 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1985:75671 CAPLUS  
DN 102:75671  
TI Two new diphenyl ethers and a new depside from the lichen Micarea prasina Fr  
AU Elix, John A.; Jones, Alan J.; Lajide, Labunmi; Coppins, Brian J.; James, Peter W.  
CS Dep. Chem., Aust. Natl. Univ., Canberra, 2601, Australia  
SO Australian Journal of Chemistry (1984), 37(11), 2349-64  
CODEN: AJCHAS; ISSN: 0004-9425  
DT Journal  
LA English  
IT **94693-20-6**  
RL: BIOL (Biological study)  
(of lichen, isolation and structure determination of)  
RN 94693-20-6 CAPLUS  
CN Benzoic acid, 2-(4-carboxy-3-heptyl-5-hydroxyphenoxy)-6-heptyl-4-methoxy-  
(9CI) (CA INDEX NAME)

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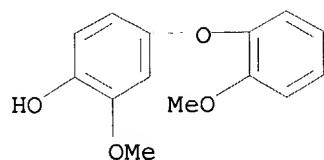
L7 ANSWER 193 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1984:36000 CAPLUS  
DN 100:36000  
TI MO investigations on lignin model compounds. XVI. Conformational analysis of  $\beta$ -aryl ether, benzyl aryl ether, phenylcoumaran, diphenyl ether and biphenyl structures  
AU Remko, Milan; Sekerka, Ivan  
CS Inst. Chem., Comenius Univ., Bratislava, CS-83232, Czech.  
SO Zeitschrift fuer Physikalische Chemie (Muenchen, Germany) (1983), 134, 135-48  
CODEN: ZPCFAX; ISSN: 0044-3336  
DT Journal  
LA English  
IT **88329-96-8**  
RL: PRP (Properties)  
(conformation of, as model for lignin)  
RN 88329-96-8 CAPLUS  
CN Phenol, 2-methoxy-6-(2-methoxyphenoxy)- (9CI) (CA INDEX NAME)



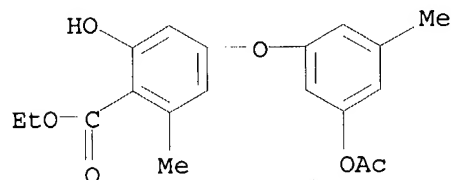
L7 ANSWER 204 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1982:440517 CAPLUS  
DN 97:40517  
TI Anodic oxidation as a tool for mechanistics studies. Guaiacol and 4-propylguaiacol in aprotic media  
AU Sundholm, F.; Sundholm, G.  
CS Dep. Chem., Univ. Helsinki, Helsinki, Finland  
SO Holzforschung (1982), 36(2), 71-5  
CODEN: HOLZAZ; ISSN: 0018-3830  
DT Journal  
LA English  
IT **82381-68-8P**  
RL: FORM (Formation, nonpreparative); PREP (Preparation)  
(formation of, in electrochem. oxidation of lignin model compds.)  
RN 82381-68-8 CAPLUS  
CN Phenol, 2-methoxy-4-(2-methoxyphenoxy)- (9CI) (CA INDEX NAME)



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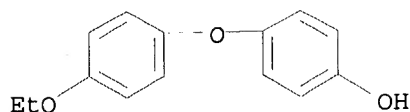


L7 ANSWER 213 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1981:186123 CAPLUS  
DN 94:186123  
TI Antimicrobial activity. Isolation and structure of funicin  
AU Hamasaki, Takashi; Kimura, Yasuo  
CS Coll. Agric., Tottori Univ., Japan  
SO Bokin Bobai (1981), 9(3), 129-32  
CODEN: BOBODP; ISSN: 0385-5201  
DT Journal  
LA Japanese  
IT 74605-26-8  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)  
(antimicrobial activity of, funicin in relation to)  
RN 74605-26-8 CAPLUS  
CN Benzoic acid, 4-[3-(acetyloxy)-5-methylphenoxy]-2-hydroxy-6-methyl-, ethyl ester (9CI) (CA INDEX NAME)

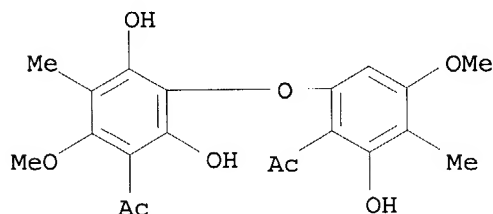


L7 ANSWER 230 OF 340 USPATFULL on STN  
AN 78:30824 USPATFULL  
TI Methylenedioxy substituted benzene derivatives  
IN Karrer, Friedrich, Basel, Switzerland  
PA Ciba-Geigy Corporation, Ardsley, NY, United States (U.S. corporation)  
PI US 4094989 19780613  
AI US 1976-729055 19761004 (5)  
RLI Division of Ser. No. US 1974-460404, filed on 12 Apr 1974, now patented, Pat. No. US 3987102  
PRAI CH 1973-5635 19730418  
CH 1974-3705 19740318  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Love, Ethel G.  
LREP Falber, Harry  
CLMN Number of Claims: 12  
ECL Exemplary Claim: 1,11,12  
DRWN No Drawings  
LN.CNT 452  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
IT 54758-54-2  
(reaction of, with benzyl chloride)  
RN 54758-54-2 USPATFULL  
CN Phenol, 4-(4-ethoxyphenoxy)- (9CI) (CA INDEX NAME)

10/026,990

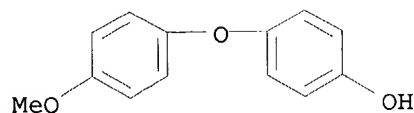


L7 ANSWER 231 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1979:51378 CAPLUS  
DN 90:51378  
TI Chemistry and crystal structure of leprolomin, a novel diphenyl ether from the lichen *Psoroma leprolomum*  
AU Elix, John A.; Engkaninan, Udomsri; Jones, Alan J.; Raston, Colin L.; Sargent, Melvyn V.; White, Allan H.  
CS Chem. Dep., Australian Natl. Univ., Canberra, Australia  
SO Australian Journal of Chemistry (1978), 31(9), 2057-68  
CODEN: AJCHAS; ISSN: 0004-9425  
DT Journal  
LA English  
IT 68984-67-8  
RL: BIOL (Biological study)  
(di-Ph ether, of *Psoroma leprolomum*, structure determination of)  
RN 68984-67-8 CAPLUS  
CN Ethanone, 1-[6-(3-acetyl-2,6-dihydroxy-4-methoxy-5-methylphenoxy)-2-hydroxy-4-methoxy-3-methylphenyl]- (9CI) (CA INDEX NAME)

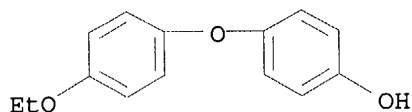


L7 ANSWER 233 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1978:442649 CAPLUS  
DN 89:42649  
TI Studies on selective preparation of aromatic compounds; 18. A new preparative method for aryl 4-hydroxyphenyl ethers  
AU Tashiro, Masashi; Yoshiya, Haruo; Yamato, Takehiko  
CS Res. Inst. Ind. Sci., Kyushu Univ., Fukuoka, Japan  
SO Synthesis (1978), (5), 399-400  
CODEN: SYNTBF; ISSN: 0039-7881  
DT Journal  
LA English  
IT 10181-93-8P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 10181-93-8 CAPLUS  
CN Phenol, 4-(4-methoxyphenoxy)- (9CI) (CA INDEX NAME)

10/026,990

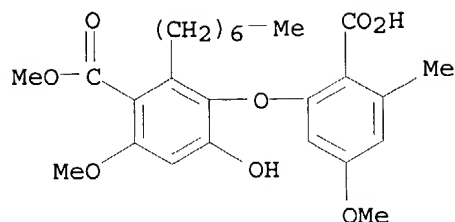


L7 ANSWER 245 OF 340 USPATFULL on STN  
AN 76:57118 USPATFULL  
TI Phenoxy (benzyloxy) benzene derivatives  
IN Karrer, Friedrich, Basel, Switzerland  
PA Ciba-Geigy Corporation, Ardsley, NY, United States (U.S. corporation)  
PI US 3987102 19761019  
AI US 1974-460404 19740412 (5)  
PRAI CH 1973-5635 19730418  
CH 1974-3705 19740318  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Thomas, Jr., James O.; Assistant Examiner:  
Breitenstein, G. T.  
LREP Falber, Harry, Rabin, Frederick H.  
CLMN Number of Claims: 23  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 426  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
IT 54758-54-2  
(reaction of, with benzyl chloride)  
RN 54758-54-2 USPATFULL  
CN Phenol, 4-(4-ethoxyphenoxy)- (9CI) (CA INDEX NAME)

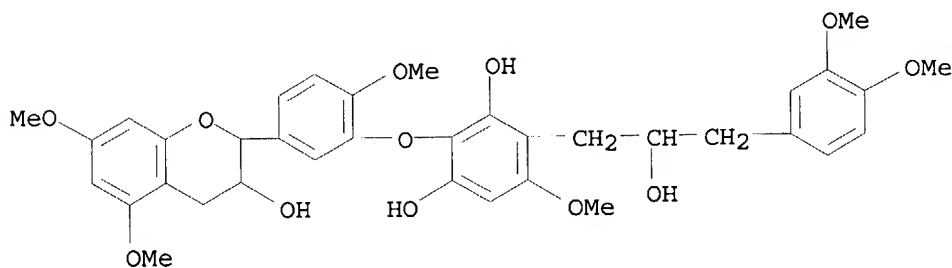


L7 ANSWER 250 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1976:494329 CAPLUS  
DN 85:94329  
TI Depsidone synthesis. III. Grayanic acid  
AU Djura, Peter; Sargent, Melvyn V.  
CS Dep. Org. Chem., Univ. West. Australia, Nedlands, Australia  
SO Australian Journal of Chemistry (1976), 29(4), 899-906  
CODEN: AJCHAS; ISSN: 0004-9425  
DT Journal  
LA English  
IT 60139-14-2P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation and cyclization of)  
RN 60139-14-2 CAPLUS  
CN Benzoic acid, 3-(2-carboxy-5-methoxy-3-methylphenoxy)-2-heptyl-4-hydroxy-6-methoxy-, 1-methyl ester (9CI) (CA INDEX NAME)

10/026,990



L7 ANSWER 251 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1977:40203 CAPLUS  
DN 86:40203  
TI A study of the components of cutch: isolation of catechin, gallocatechin, dicatechin and catechin tetramer as methyl ethers  
AU Murari, R.; Rangaswami, S.; Seshadri, T. R.  
CS Dep. Chem., Univ. Delhi, Delhi, India  
SO Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1976), 14B(9), 661-4  
CODEN: IJSBDB; ISSN: 0376-4699  
DT Journal  
LA English  
IT 61668-07-3  
RL: BIOL (Biological study)  
(of cutch)  
RN 61668-07-3 CAPLUS  
CN 1,3-Benzenediol, 2-[5-(3,4-dihydro-3-hydroxy-5,7-dimethoxy-2H-1-benzopyran-2-yl)-2-methoxyphenoxy]-4-[3-(3,4-dimethoxyphenyl)-2-hydroxypropyl]-5-methoxy- (9CI) (CA INDEX NAME)



L7 ANSWER 260 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1975:409474 CAPLUS  
DN 83:9474  
TI Diphenyl ethers  
IN Karrer, Friedrich  
PA Ciba-Geigy A.-G.  
SO Ger. Offen., 43 pp.  
CODEN: GWXXBX  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2418295	A1	19741107	DE 1974-2418295	19740416
	DE 2418295	C2	19860403		
	CH 585515	A	19770315	CH 1973-5635	19730418
	CH 599752	A	19780531	CH 1974-3705	19740318

10/026,990

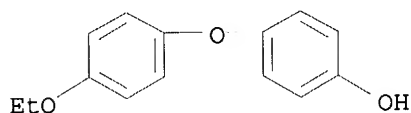
CA 1046071	A1	19790109	CA 1974-197452	19740411
US 3987102	A	19761019	US 1974-460404	19740412
NL 7405124	A	19741022	NL 1974-5124	19740416
FR 2228047	A1	19741129	FR 1974-13151	19740416
BE 813831	A1	19741017	BE 1974-143299	19740417
DD 112209	C	19750405	DD 1974-177964	19740417
ZA 7402454	A	19750430	ZA 1974-2454	19740417
AT 7403162	A	19760115	AT 1974-3162	19740417
AT 332680	B	19761011		
GB 1466934	A	19770309	GB 1974-16823	19740417
SU 686594	D	19790915	SU 1974-2017872	19740417
JP 50018628	A2	19750227	JP 1974-43841	19740418
JP 60041041	B4	19850913		
AU 7468038	A1	19751120	AU 1974-68038	19740418
US 4153731	A	19790508	US 1978-885719	19780313

PRAI CH 1973-5635 19730418  
CH 1974-3705 19740318  
US 1974-460404 19740412  
US 1976-729055 19761004

IT **54758-54-2**  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with benzyl chloride)

RN 54758-54-2 CAPLUS

CN Phenol, 4-(4-ethoxyphenoxy)- (9CI) (CA INDEX NAME)



L7 ANSWER 267 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1973:546190 CAPLUS

DN 79:146190

TI Phenoxyphenols

IN Biller, Efim; Haas, Bernd; Schmook, Fritz P.

PA Union Rheinische Braunkohlen Kraftstoff A.-G.

SO Ger. Offen., 5 pp. Addn. to Ger. Offen. 2,117,690 (CA 78;15783s).  
CODEN: GWXXBX

DT Patent

LA German

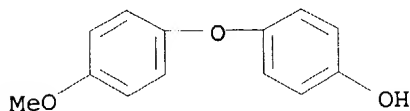
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	DE 2213785	A1	19730927	DE 1972-2213785	19720322
	IT 952544	A	19730730	IT 1972-49444	19720407
PRAI	DE 1971-2117690		19710410		
	DE 1972-2213785		19720322		

IT **10181-93-8P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

RN 10181-93-8 CAPLUS

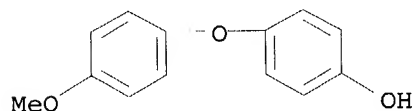
CN Phenol, 4-(4-methoxyphenoxy)- (9CI) (CA INDEX NAME)



10/026,990

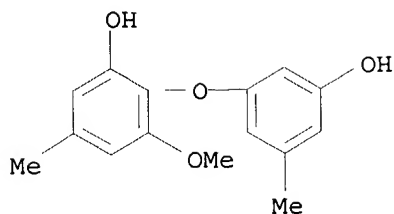
L7 ANSWER 278 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1973:15783 CAPLUS  
DN 78:15783  
TI Phenoxyphenols and (chlorophenoxy)phenols  
IN Biller, Efim; Haas, Bernd; Schlegel, Richard; Schmook, Fritz Peter  
PA Union Rheinische Braunkohlen Kraftstoff A.-G.  
SO Ger. Offen., 8 pp.  
CODEN: GWXXBX  
DT Patent  
LA German  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	DE 2117690	A	19721026	DE 1971-2117690	19710410
	BE 781377	A1	19720717	BE 1972-115680	19720329
	NL 7204617	A	19721012	NL 1972-4617	19720406
	IT 952544	A	19730730	IT 1972-49444	19720407
	FR 2132825	A5	19721124	FR 1972-12505	19720410
	GB 1342455	A	19740103	GB 1972-16338	19720410
PRAI	DE 1971-2117690		19710410		
	DE 1972-2213785		19720322		
IT	<b>10181-93-8P</b>				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN	10181-93-8 CAPLUS				
CN	Phenol, 4-(4-methoxyphenoxy)- (9CI)			(CA INDEX NAME)	

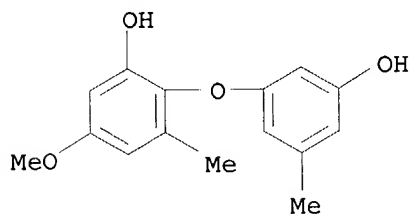


L7 ANSWER 281 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1972:405085 CAPLUS  
DN 77:5085  
TI Structure and synthesis of 2-hydroxy-4-methoxy-6-methylphenyl  
3-hydroxy-5-methylphenyl ether (LL-V125 $\alpha$ ), a fungal diaryl ether  
AU Cannon, J. R.; Cresp, T. M.; Metcalf, B. W.; Sargent, M. V.; Elix, J. A.  
CS Dep. Org. Chem., Univ. West. Australia, Nedlands, Australia  
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and  
Bio-Organic Chemistry (1972-1999) (1972), (9-10), 1200-3  
CODEN: JCPRB4; ISSN: 0300-922X  
DT Journal  
LA English  
IT **24741-92-2**  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(2-hydroxy-4-methoxy-6-methylphenyl 3-hydroxy-5-methylphenyl ether vs.)  
RN 24741-92-2 CAPLUS  
CN Phenol, 2-(3-hydroxy-5-methylphenoxy)-3-methoxy-5-methyl- (9CI) (CA INDEX  
NAME)

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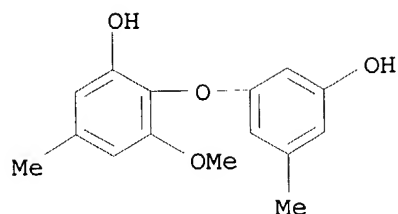


L7 ANSWER 285 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1971:509981 CAPLUS  
DN 75:109981  
TI Structural revision and synthesis of a novel fungal diaryl ether  
AU Sargent, M. V.; Cannon, J. R.; Cresp, T. M.; Metcalf, B. W.; Elix, J. A.  
CS Dep. Org. Chem., Univ. West. Australia, Nedlands, Australia  
SO Journal of the Chemical Society [Section] D: Chemical Communications  
(1971), (10), 473  
CODEN: CCJDAO; ISSN: 0577-6171  
DT Journal  
LA English  
IT **33716-82-4P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 33716-82-4 CAPLUS  
CN Phenol, 2-(3-hydroxy-5-methylphenoxy)-5-methoxy-3-methyl- (9CI) (CA INDEX  
NAME)



L7 ANSWER 286 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1970:445030 CAPLUS  
DN 73:45030  
TI Novel diaryl ether, LL-V125 $\alpha$ , from a fungus of the order  
Sphaeropsidales  
AU McGahren, William J.; Andres, W. W.; Kunstmann, Martin P.  
CS Lederle Lab., Amer. Cyanamid Co., Pearl River, NY, USA  
SO Journal of Organic Chemistry (1970), 35(7), 2433-5  
CODEN: JOCEAH; ISSN: 0022-3263  
DT Journal  
LA English  
IT **24741-92-2P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 24741-92-2 CAPLUS  
CN Phenol, 2-(3-hydroxy-5-methylphenoxy)-3-methoxy-5-methyl- (9CI) (CA INDEX  
NAME)

10/026,990



L7 ANSWER 291 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1968:50352 CAPLUS

DN 68:50352

TI Poly(1,4-phenylene ethers)

IN Bolon, Donald A.

PA General Electric Co.

SO U.S., 3 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3362934	A	19680109	US 1966-547181	19660503
PRAI	US 1966-547181		19660503		

IT **29931-06-4P**

RL: IMF (Industrial manufacture); PREP (Preparation)  
(manufacture of, of polyoxyphenylene structure)

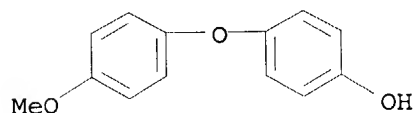
RN 29931-06-4 CAPLUS

CN Phenol, p-(p-methoxyphenoxy)-, polymers (8CI) (CA INDEX NAME)

CM 1

CRN 10181-93-8

CMF C13 H12 O3



L7 ANSWER 292 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1968:426914 CAPLUS

DN 69:26914

TI Oxidation of alkoxyphenols. XV. Autoxidation of 2- and 3-mono- and 2,5-di-tert-butyl-4-methoxyphenol and related compounds

AU Hewgill, F. R.; Lee, S. L.

CS Univ. Western Australia, Nedlands, Australia

SO Journal of the Chemical Society [Section] C: Organic (1968), (12), 1549-56

CODEN: JSOOAX; ISSN: 0022-4952

DT Journal

LA English

IT **19545-59-6P**

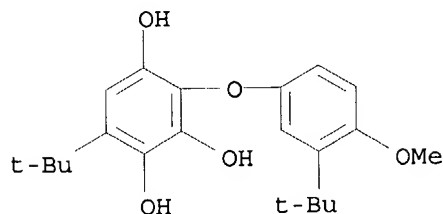
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

RN 19545-59-6 CAPLUS

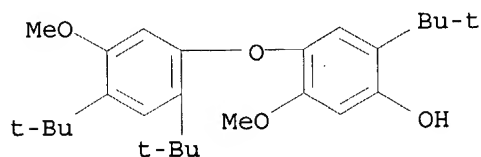


10/026,990

CN 1,2,4-Benzenetriol, 6-tert-butyl-3-(3-tert-butyl-4-methoxyphenoxy) - (8CI)  
(CA INDEX NAME)

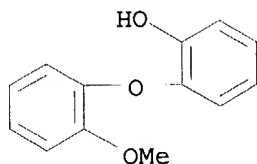


L7 ANSWER 294 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1968:426916 CAPLUS  
DN 69:26916  
TI Oxidation of alkoxyphenols. XIII. Oxidation of tert-butylresorcinol  
monoethers and related compounds  
AU Adderley, C. J. R.; Hewgill, F. R.  
CS Univ. Western Australia, Nedlands, Australia  
SO Journal of the Chemical Society [Section] C: Organic (1968), (12),  
1438-43  
CODEN: JSOOAX; ISSN: 0022-4952  
DT Journal  
LA English  
OS CASREACT 69:26916  
IT **19545-81-4P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 19545-81-4 CAPLUS  
CN Phenol, 2-tert-butyl-4-(2,4-di-tert-butyl-5-methoxyphenoxy)-5-methoxy-  
(8CI) (CA INDEX NAME)

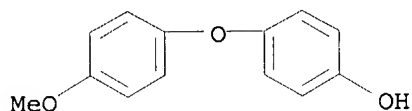


L7 ANSWER 297 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1969:3102 CAPLUS  
DN 70:3102  
TI Rearrangement processes in the mass spectra of substituted diphenyl ethers  
AU Ballantine, J. A.; Pillinger, C. T.  
CS Univ. Coll. Swansea, Swansea, UK  
SO Organic Mass Spectrometry (1968), 1(3), 447-58  
CODEN: ORMSBG; ISSN: 0030-493X  
DT Journal  
LA English  
IT **21905-60-2**  
RL: PRP (Properties)  
(mass spectrum of)  
RN 21905-60-2 CAPLUS  
CN Phenol, 2-(2-methoxyphenoxy)- (9CI) (CA INDEX NAME)

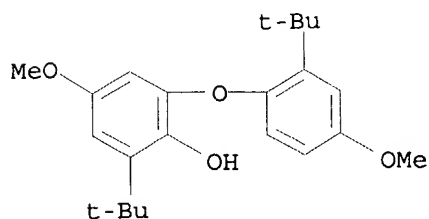
10/026,990



L7 ANSWER 300 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1967:116196 CAPLUS  
DN 66:116196  
TI Thermal polymerization of phenoxy phenols  
AU Bolon, Donald A.; Gilbert, Alfred R.  
CS Gen. Elec. Res. and Develop. Center, Schenectady, NY, USA  
SO Journal of Polymer Science, Polymer Letters Edition (1967), 5(4), 277-80  
CODEN: JPYBAN; ISSN: 0360-6384  
DT Journal  
LA English  
IT 10181-93-8  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(disproportionation of, by heat, and subsequent polymerization of products  
therefrom to polyoxyphenylenes)  
RN 10181-93-8 CAPLUS  
CN Phenol, 4-(4-methoxyphenoxy)- (9CI) (CA INDEX NAME)

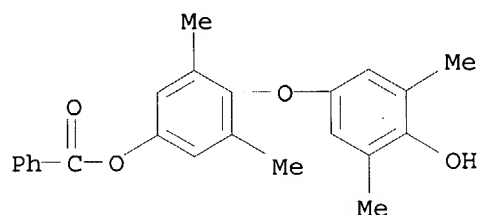


L7 ANSWER 301 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1968:41316 CAPLUS  
DN 68:41316  
TI Antioxidants. IV. Photodegradation of butyl hydroxyanisole  
AU Kurechi, Tsutao  
CS Tokyo Pharm. Coll., Tokyo, Japan  
SO Eisei Kagaku (1967), 13(4), 191-6  
CODEN: ESKGA2; ISSN: 0013-273X  
DT Journal  
LA Japanese  
IT 20236-47-9  
RL: USES (Uses)  
(chromatog. and constitution and ir spectra and N.M.R. of)  
RN 20236-47-9 CAPLUS  
CN Phenol, 2-(1,1-dimethylethyl)-6-[2-(1,1-dimethylethyl)-4-methoxyphenoxy]-4-methoxy- (9CI) (CA INDEX NAME)

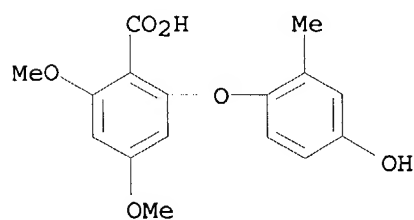


10/026,990

L7 ANSWER 303 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1967:76359 CAPLUS  
DN 66:76359  
TI Synthesis of hydroxyarylene ethers by equilibration of poly(2,6-xylylene oxide) with phenols  
AU White, Dwain Montgomery  
CS Gen. Elec. Res. and Develop. Center, Schenectady, NY, USA  
SO Polymer Preprints (American Chemical Society, Division of Polymer Chemistry) (1966), 7(1), 178-86  
CODEN: ACPPAY; ISSN: 0032-3934  
DT Journal  
LA English  
IT **15770-89-5P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 15770-89-5 CAPLUS  
CN Phenol, 2,3',5',6-tetramethyl-4,4'-oxydi-, 1-benzoate (8CI) (CA INDEX NAME)

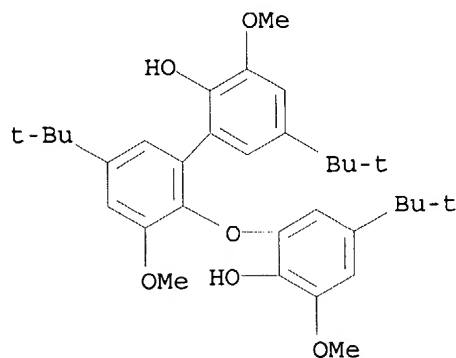


L7 ANSWER 305 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1966:27375 CAPLUS  
DN 64:27375  
OREF 64:5028e-g  
TI The synthesis of an analog of griseofulvin  
AU Curtis, R. F.; Hassall, C. H.; Jones, D. W.  
CS Univ. Coll., Swansea, UK  
SO Journal of the Chemical Society, Abstracts (1965), (Dec), 6960-4  
CODEN: JCSAAZ; ISSN: 0590-9791  
DT Journal  
LA English  
OS CASREACT 64:27375  
IT **4520-95-0**, Benzoic acid, 2-[(4-hydroxy-o-tolyl)oxy]-4,6-dimethoxy-  
(preparation of)  
RN 4520-95-0 CAPLUS  
CN Benzoic acid, 2-[(4-hydroxy-o-tolyl)oxy]-4,6-dimethoxy- (7CI, 8CI) (CA INDEX NAME)

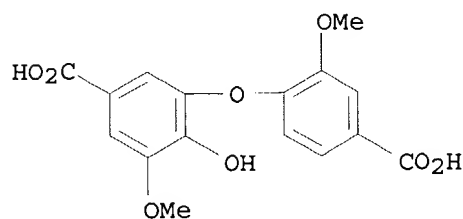


10/026,990

L7 ANSWER 308 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1965:90470 CAPLUS  
DN 62:90470  
OREF 62:16095e-g  
TI Oxidation of alkoxyphenols. III. 2-Methoxy-6-tert-butylphenol,  
2-methoxy-5-tert-butylphenol, and 2-methoxy-4-tert-butylphenol  
AU Hewgill, F. R.; Middleton, B. S.  
SO Journal of the Chemical Society, Abstracts (1965), (April), 2914-21  
CODEN: JCSAAZ; ISSN: 0590-9791  
DT Journal  
LA English  
IT 1947-20-2, Phenol, 2,2'-[(5-tert-butyl-3-methoxy-o-phenylene)-  
oxy]bis[4-tert-butyl-6-methoxy-  
(preparation of)  
RN 1947-20-2 CAPLUS  
CN Phenol, 2,2'-[(5-tert-butyl-3-methoxy-o-phenylene)oxy]bis[4-tert-butyl-6-  
methoxy- (7CI, 8CI) (CA INDEX NAME)



L7 ANSWER 309 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1965:438802 CAPLUS  
DN 63:38802  
OREF 63:6900b-h,6901a-g  
TI Biphenyls and diaryl ethers among the precursors of lignin  
AU Freudenberg, Karl; Renner, Klaus Christian  
CS Univ. Heidelberg, Germany  
SO Chem. Bet. (1965), 98(6), 1879-92  
DT Journal  
LA German  
IT 2555-99-9, m-Anisic acid, 4'-hydroxy-4,5'-oxydi-  
(preparation of)  
RN 2555-99-9 CAPLUS  
CN Benzoic acid, 3-(4-carboxy-2-methoxyphenoxy)-4-hydroxy-5-methoxy- (9CI)  
(CA INDEX NAME)



10/026,990

L7 ANSWER 314 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1964:52465 CAPLUS

DN 60:52465

OREF 60:9181c-h,9182a-b

TI Synthesis of higher molecular weight compounds by phenol dehydrogenation.  
I. Oxidative trimerization of 4-methoxy-2;5-di-tert-butylphenol

AU Mueller, Eugen; Kaufmann, Horst; Rieker, Anton

CS Univ. Tuebingen, Germany

SO Ann. (1964), 671, 61-70

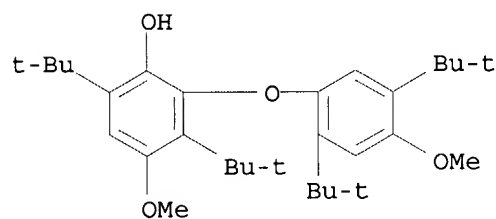
DT Journal

LA Unavailable

IT 18738-90-4, Phenol, 3,6-di-tert-butyl-2-(2,5-di-tert-butyl-4-methoxyphenoxy)-4-methoxy-  
(preparation of)

RN 18738-90-4 CAPLUS

CN Phenol, 3,6-di-tert-butyl-2-(2,5-di-tert-butyl-4-methoxyphenoxy)-4-methoxy-  
(7CI, 8CI) (CA INDEX NAME)



L7 ANSWER 316 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1964:417966 CAPLUS

DN 61:17966

OREF 61:3009a-h,3010a-h,3011a-e

TI Dehydrogenation-addition-reactions with aroxyl radicals. I. New syntheses  
of aryl alkyl ethers, aryl esters, quinol ethers, and p-hydroxybiphenyl  
esters proceeding by radical mechanisms

AU Mueller, Eugen; Rieker, Anton; Schick, Anton

CS Univ. Tuebingen, Germany

SO Ann. (1964), 673, 40-59

DT Journal

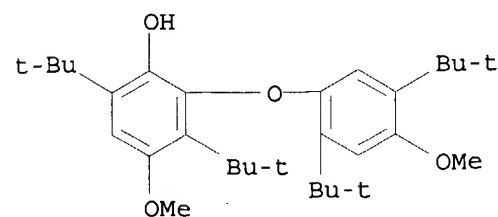
LA Unavailable

OS CASREACT 61:17966

IT 18738-90-4, Phenol, 3,6-di-tert-butyl-2-(2,5-di-tert-butyl-4-methoxyphenoxy)-4-methoxy-  
(preparation of)

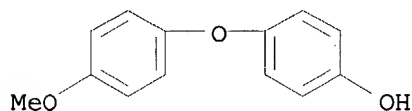
RN 18738-90-4 CAPLUS

CN Phenol, 3,6-di-tert-butyl-2-(2,5-di-tert-butyl-4-methoxyphenoxy)-4-methoxy-  
(7CI, 8CI) (CA INDEX NAME)



10/026,990

L7 ANSWER 340 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1938:11739 CAPLUS  
DN 32:11739  
OREF 32:1672g-i,1673a  
TI Cleavage of diphenyl ethers by sodium in liquid ammonia. III.  
4,4'-Disubstituted diphenyl ethers  
AU Weber, Fred C.; Sowa, Frank J.  
SO Journal of the American Chemical Society (1938), 60, 94-5  
CODEN: JACSAT; ISSN: 0002-7863  
DT Journal  
LA Unavailable  
OS CASREACT 32:11739  
IT 10181-93-8, Phenol, p-(p-methoxyphenoxy)-  
(preparation of)  
RN 10181-93-8 CAPLUS  
CN Phenol, 4-(4-methoxyphenoxy)- (9CI) (CA INDEX NAME)



=> file stnguide  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
319.69	477.84

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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: May 21, 2004 (20040521/UP).

=> file caplus uspatful  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
1.14	478.98

FILE 'CAPLUS' ENTERED AT 19:19:32 ON 28 MAY 2004  
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=> d 17 214

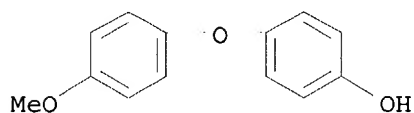
L7 ANSWER 214 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1981:480345 CAPLUS  
DN 95:80345  
TI Polyethers. 2. Preparation of  $\omega,\omega'$ -disubstituted poly(aryl  
ethers)  
AU Tashiro, Masashi; Yoshiya, Haruo; Fukata, Gouki

10/026,990

CS Res. Inst. Ind. Sci., Kyushu Univ., Fukuoka, 812, Japan  
SO Organic Preparations and Procedures International (1981), 13(2), 87-92  
CODEN: OPPIAK; ISSN: 0030-4948  
DT Journal  
LA English

=> d 17 214 fhitr

L7 ANSWER 214 OF 340 CAPLUS COPYRIGHT 2004 ACS on STN  
IT 78563-45-8  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(O-arylation of, by bis(bromophenoxy)benzene)  
RN 78563-45-8 CAPLUS  
CN Phenol, 4-(4-methoxyphenoxy)-, sodium salt (9CI) (CA INDEX NAME)



● Na

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

5.06

484.04

STN INTERNATIONAL LOGOFF AT 19:20:01 ON 28 MAY 2004